



INSTRUCTION LEAFLET for RC18 Variable Speed Mini Rotary Tool Kit

Thank you for buying this mini 12 volt tool kit. Please read these instructions carefully before using the product.

TECHNICAL SPECIFICATIONS

Available Primary Voltages	220V & 240V, 50Hz, (also available in 110v, 60Hz)
Secondary Maximum Output	12V DC, 1500ma,
No Load Speed	8000 - 18,000 rpm
Collet chuck capacity	1.0, 2.35, 3.0, 3.2mm dia.
Cable type for tool	Curly 2.0m extended
Cable type for transformer	Standard 2.0m

IMPORTANT! – Safety Instructions for all tools

WARNING: When using electric power tools, important safety precautions must always be adhered to in order to reduce the risk of fire, electric shock and personal injury.

PLEASE READ THE FOLLOWING CAREFULLY:

1. KEEP WORK AREA CLEAN. Untidy benches and work areas invite injuries.
2. CONSIDER WORK AREA ENVIRONMENT. Do not use power tools in damp or wet locations. Do not expose power tools to rain. Keep work areas well lit.
3. GUARD AGAINST ELECTRIC SHOCK. Prevent body contact with grounded surfaces. Eg. Radiators, pipes, refrigerator enclosures.
4. KEEP CHILDREN AWAY. All visitors must be kept away from the work area. Do not let visitors come into contact with the tool or extension cord.
5. STORE IDLE TOOLS. When not in use, tools must be stored in a dry place, out of reach of children.
6. DO NOT FORCE THE TOOL. It will do the job in hand better and safer at the rate for which it was intended.
7. USE THE RIGHT TOOL. Do not force a small tool to do the job of a heavy duty power tool. Do not use the tool for the purpose it is not intended for , eg. Trying to drill through concrete with the 12v mini tool.
8. DRESS PROPERLY. Do not wear loose clothing or jewellery, as these can be caught in moving parts. Gloves and non-skid footwear are recommended when working outdoors. Wear protective head cover to contain long hair.
9. USE SAFETY GLASSES. Also use face and dust mask to guard against dust.
10. DO NOT ABUSE THE CORD. Never carry the tool by the cord or pull the cord to disconnect the tool. Keep the cord away from heat, oil or sharp objects.
11. SECURE YOUR WORK. Use clamps or a vice to hold your work in position. It is much safer than using your hand and it frees both hands to operate the tool.
12. DO NOT OVERREACH. Keep proper footing and balance at all times.
13. MAINTAIN TOOLS WITH CARE. Keep tools clean for better and safer performance. Follow instructions for lubricating and changing accessories. Keep hands dry, clean and free from oil and grease.
14. DISCONNECT TOOLS. When not in use, before servicing and when changing any accessories.
15. REMOVE ADJUSTING KEYS AND WRENCHES. Have the habit to check and see that keys and adjusting wrenches are removed from the tool before turning on.
16. AVOID UNINTENTIONAL STARTING. Do not carry plugged-in tool with finger on switch. Be sure that the switch is off when plugging in.
17. OUTDOOR EXTENSION CORDS. When the tool is used outdoors, only use extension cords intended for use outdoors and so marked.
18. STAY ALERT. Watch what you are doing. Use common sense. Do not operate the tool when you are tired.
19. CHECK DAMAGED PARTS. Before using the tool, a guard or other part that is damaged, these must be carefully checked to ensure that the tool will perform properly the intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other condition that may affect the tool’s operation.
20. DO NOT OPERATE portable electric tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks may ignite fumes.

USAGE AND APPLICATIONS

Your new Rotacraft Variable Speed mini rotary tool has been carefully designed for close up and controlled precision work on small work pieces and in confined spaces. It is the ideal tool for hobby, model making & repairing, electronics and small DIY tasks. The tool together with the accessories provided will allow you to carry out a variety of tasks, including sanding, polishing, engraving, drilling, grinding, cutting and cleaning.

SOURCE OF POWER

Your mini rotary tool has a 12V DC motor which makes it safer to use and ensures that the tool is small and compact. The transformer can be plugged straight into a standard household socket. If the transformer overheats, please switch off your mini tool and unplug from the mains. Allow approximately 3 minutes for cooling before continuing work.

IMPORTANT GENERAL SAFETY TIPS!

1. The Tool should be unplugged when changing accessories.
2. If you stall the tool, switch it off immediately.
3. Periodically check the tightness of your collet chuck, especially during prolonged use of the same accessory
4. After use, always disconnect your power tool
5. Do not undertake repair of the power tool your self.
6. Do not leave your tool or transformer unattended while switched on.
7. The transformer must be plugged in to an easily accessible mains outlet close to your equipment
8. Always switch the transformer before disconnecting your 12V tool
9. Do not undertake repairs on the transformer
10. Do not drop your transformer
11. After use, always disconnect your transformer from the mains
12. Do not use or store your transformer or 12V tool in damp or wet conditions.



USEFUL HINTS & TIPS

1. Your mini tool will become warm after prolonged use and so must be switched off and allowed to cool down.
2. To ensure smooth running, the spindle should be oiled periodically.
3. Do not apply too much radial pressure to the accessory bits while polishing, cleaning, sanding or grinding. By doing you will put a strain on the spindle and adversely affect the precision of the tool.
4. Always work with a sensitive touch so as not to impede the efficiency of your mini tool.
5. When drilling metal, always mark the drilling point with a centre punch first, so that your rotary tool does not slip.
6. Always ensure that you have maximum contact between the accessory shaft and the collet chuck.
7. Vary the speed on the tool for the work in hand, eg. Low speed for polishing & cleaning and high speed for engraving

PLACING ACCESSORIES INTO THE TOOL

Always switch the tool off first. Hold the locking ring at the front of the tool down and undo the collet chuck (anti-clockwise). Insert the collet that matches the shaft size of the accessory to be used. Place the collet nut over the collet and then insert the accessory shaft into the collet chuck ensuring maximum shaft contact. Then tighten up the collet nut. (DO NOT USE PLIERS).

KEEP THESE INSTRUCTIONS IN A SAFE PLACE FOR FUTURE USE.

CE Declaration of Conformity
RC18
We declare that this product complies with: EN55014-1:1993/A1:1997; EN61000-3-2:1995/A2:1998; EN61000-3-3:1995; EN55014-2:1997
And fulfils the testing requirement of the EMC directive (89/336/EEC amended by 93/68/EEC)
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This electric mini power tool complies with the E.C. requirements in force relating to radio and TV interference.

For information about other precision power tools, hand tools and universal mini accessories please visit www.shesto.co.uk

For details about your nearest retailer of compatible accessories and other precision power tools and hand tools, please contact:

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